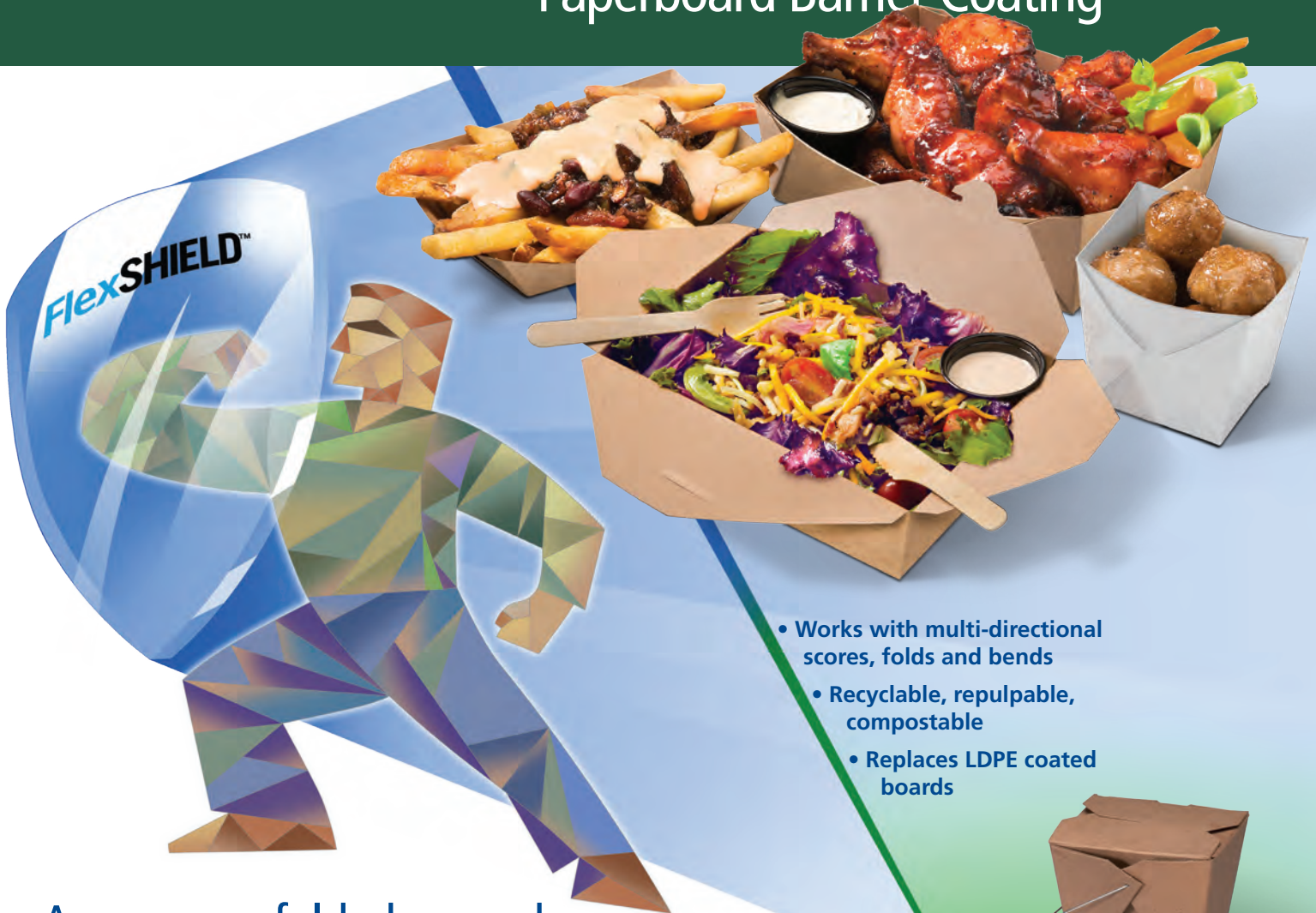


# FlexSHIELD™

## Recyclable and/or Compostable Paperboard Barrier Coating



- Works with multi-directional scores, folds and bends
- Recyclable, repulpable, compostable
- Replaces LDPE coated boards

Armor your folded, scored and creased containers against wayward water, grease and oil.

Your struggle to find a recyclable, compostable, repulpable **and foldable** paperboard is over. The FlexSHIELD™ Barrier Coating is a revolutionary new water-based treatment that will survive multi-directional scores, folds and creases without surrendering its barrier properties. A cost effective, sustainable alternative to PLA- or poly-based products as well as LDPE coated boards, paperboard treated with the FlexSHIELD flexible coating provides an excellent barrier to water, oil and grease.

Folded containers made from board with a FlexSHIELD coating are ideal for a wide range of applications: food service trays and takeout, bakery products or any non-food product where leakage of the contents could stain, damage, taint or otherwise affect goods stored in proximity to the container.



*Leading the way in coating and lamination innovations*

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# FlexSHIELD™ Recyclable and/or Compostable Paperboard Barrier Coating

## Passes the test of time

The FlexSHIELD™ coating has been extensively tested on tan bending chip and has passed all recyclable and repulpable testing based on FBA Protocol Procedures. It is FDA, CFIA and EUR compliant, including microwavability with dry, aqueous and fatty foods.

The board meets ASTM standards and is also certified biodegradable and compostable by BNQ.



## Container Comparison

	Polyethylene	PLA	FlexSHIELD
<b>Material:</b>	100% poly-based	100% polylactic acid-based	Aqueous-based
Weight (compared to polyethylene)	—	<b>Heavier</b>	<b>Lighter</b>
Water resistance	••••	•••	••••
Oil and grease resistance	••••	•••	••••
Recyclable and repulpable (FBA protocol)	Yes	Yes	Yes
Biodegradable and compostable (BNQ certified)*	No	Yes	Yes
Folding performance	••••	••	••••
Non-GMO	Yes	No	Yes
BFR European and Health Canada compliant	Yes	Yes	Yes

\* Tested on tan bending chip

Best: •••• Better: ••• Good: •• Poor: •

To see how the FlexSHIELD coating might help you get your share of a market concerned with food waste diversion, contact Cascades Sonoco—the company that developed FluteSHIELD® water-resistant, high performance medium and SurfSHIELD™ liner coatings and laminates that shield your boxes and cartons against moisture damage.



FIBRE BOX ASSOCIATION

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